Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

1. (currently amended) A method of determining a consequent step that is to be performed immediately after a particular step within a multi-step surgical procedure, wherein the method comprises ~~comprising~~ the steps of:

identifying a multi-step surgical procedure;

providing a computer navigation system that implements the multi-step surgical procedure, wherein the computer navigation system performs the steps of:

identifying [[a]] the particular step within the multi-step surgical procedure;

identifying a component usable in the multi-step surgical procedure;

determining the consequent step within the multi-step surgical procedure based on the identity of the component and the particular step, wherein the computer navigation system selects the consequent step from a group of steps of the multi-step surgical procedure including at least a current step, a prior step, and a future step; and

based on the consequent step, automatically jumping to and displaying a representation related to the consequent step on a display unit without direct interaction between a user and the computer navigation system.

2. (canceled)

3. (currently amended) The method of claim 1 that includes the step of identifying a particular location of the component within a surgical field and wherein the ~~determining step~~ consequent step is selected [[is]] based further on the location~~, the identity~~ of the component in the surgical field ~~, and the particular step~~.

4. (canceled)

5. (original) The method of claim 1 wherein the component is a multipart component capable of self-identifying the component's composite parts.

6. (original) The method of claim 5 wherein the multipart component is a tool with an attached device wherein the tool can identify the attached device.

7. (previously presented) The method of claim 5 wherein the multipart component is a tool with an attached device wherein the attached device is separately identifiable.

8. (currently amended) The method of claim 3 wherein the ~~identification of a~~ particular location is ~~done using a~~ tracked by the computer navigation system.

9. (original) The method of claim 1 that includes the step of configuring the consequent step with a parameter of the component.

10. (currently amended) The method of claim 1 wherein the consequent step [[is]] further comprises a warning that the component is inappropriate for the particular step.

11. (original) The method of claim 1 wherein the consequent step includes controlling a piece of auxiliary apparatus.

12. (currently amended) The method of claim 1 ~~that includes~~ further comprising the step of identifying an additional component and wherein the determination of the consequent step is based on the identity of the component, the identity of the additional component, and the particular step.

13. (canceled)

14. (currently amended) The method of claim 1 wherein the multi-step surgical procedure is a computer controlled and directed surgical procedure.

15. (previously presented) The method of claim 1 that includes a database of user preferences and wherein the determining step is based on the database, the identity of the component, and the particular step.

16. (currently amended) A computer navigation system ~~to determine a consequent step within~~ for implementing a multi-step surgical procedure, wherein the multi-step surgical procedure comprises a plurality of steps including at least a particular step, a prior step performed before the particular step, and a future step performed after the particular step, the computer navigation system comprising:

~~means for identifying a multi-step procedure;~~

~~a computer navigation system that implements the multi-step procedure, wherein the computer navigation system includes:~~

means for identifying [[a]] the particular step within the multi-step surgical procedure;

means for identifying a component usable in the multi-step surgical procedure;

means for determining the consequent step within the multi-step surgical procedure based on the identity of the component and the particular step, wherein the consequent step is selected from a group of steps including at least the particular step, the prior step, and the future step; and

means for, based on the consequent step, automatically jumping to and displaying a representation related to the consequent step without direct interaction between a user and the computer navigation system.

17. (canceled)

18. (previously presented) The system of claim 16 that includes means for identifying a particular location of the component and wherein the means for determining determines the consequent step based on the location, the identity of the component, and the particular step.

19. (canceled)

20. (original) The system of claim 16 wherein the component is a multipart component capable of self-identifying the component's composite parts.

21. (original) The system of claim 20 wherein the multipart component is a tool with an attached device wherein the tool can identify the attached device.

22. (original) The system of claim 20 wherein the multipart component is a tool with an attached device wherein the attached device separately identifiable.

23. (currently amended) The system of claim 18 wherein the means for identifying a particular location of the component is incorporated within [[a]] the computer navigation system.

24. (previously presented) The system of claim 16 that includes means for configuring the consequent step with a parameter of the component.

25. (currently amended) The system of claim 16 wherein the consequent step [[is]] comprises a warning that the component is inappropriate for the particular step.

26. (original) The system of claim 16 wherein the consequent step includes controlling a piece of auxiliary apparatus.

27. (previously presented) The system of claim 16 that includes means for identifying an additional component and wherein the means for determining determines the consequent step based on the identity of the component, the identity of the additional component, and the particular step.

28. (canceled)

29. (currently amended) The system of claim 16 wherein the multi-step surgical procedure is a computer controlled and directed surgical procedure.

30. (previously presented) The system of claim 16 that includes a database of user preferences and wherein the means for determining determines the consequent step based on the database, the identity of the component, and the particular step.

31. (currently amended) The method of claim 1 wherein one or more components needed for each step of the multi-step surgical procedure are known.

32. (previously presented) The method of claim 1 wherein the particular step and the consequent step relate to different representations on a display screen.

33. (currently amended) The method of claim 1 that includes the step of determining whether the component is appropriate for [[a]] the current step, [[a]] the prior step, [[or a]] and the future step, and if not, wherein the consequent step [[is]] comprises a warning that the component is inappropriate for the multi-step surgical procedure.

34. (canceled)

35. (currently amended) A method of determining a consequent step within a multi-step procedure comprising the steps of:

identifying a multi-step procedure;

providing a computer navigation system that implements the multi-step procedure, wherein the computer navigation system performs the steps of:

identifying a particular step within the multi-step procedure;

identifying a component usable in the multi-step procedure;

identifying a particular location of the component;

determining the consequent step within the multi-step procedure based on the location, the identity of the component, and the particular step, wherein the consequent step is selected from a group of steps including at least a current step, a prior step, and a future step; and

based on the consequent step, displaying a representation related to the consequent step on a display unit.

36. (canceled)